JC10 Rec'd PCT/PTO 1 1 JUL 2005

| | | ••••• | | | |
|---|--|--|--|--|--|
| | U.S. DEPARTMENT OF CO | MMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER | | |
| TRANSMITTAL LETTER TO THE UNITED STATES | | | MUELLER2 | | |
| | | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | |
| | | ED OFFICE (DO/EO/US) NG UNDER 35 U.S.C. 371 | 10/541790 | | |
| INTERNA | TIONAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY CLAIMED | | |
| | B2003/000235 | January 15, 2003 | | | |
| | INVENTION | | IOD OTDIA | | |
| | | OR CHANNEL ESTIMATION F | OR OFDM | | |
| APPLICA | NT(S) FOR DO/EO/US | | | | |
| Stafan N | UELLER-WEINFURTN | FD ot al | | | |
| | | | IS) the following items and other information. | | |
| | | | JS) the following items and other information: | | |
| 1. [X] | | of items concerning a filing under 35 U.S.C. | | | |
| 2. [] | | | | | |
| 3. [X] | | | | | |
| | | ple requirements of 35 U.S.C. 371(c) have be | een complied with. | | |
| | X] The US has been elected (Art 31). | | | | |
| 5. [X] | [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | | |
| • | | uired only if not transmitted by the Internation | onal Bureau). | | |
| | | ed by the International Bureau. | | | |
| | c. [] is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | |
| 6. [] | 6. [] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | |
| | a. [] is attached hereto. | | | | |
| | b. [] has been previously submitted under 35 U.S.C. 154(d)(4). | | | | |
| 7. [X] | [X] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | |
| | | th (required only if not transmitted by the In- | ternational Bureau). | | |
| | | ted by the International Bureau. | | | |
| | c. [] have not been made; h | ndments has NOT expired. | | | |
| | d. [X] have not been made an | | , , | | |
| | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | |
| | | nventor(s) (35 U.S.C. 371(c)(4)). | | | |
| 10. [] | An English language translation (35 U.S.C. 371(c)(5)). | on of the annexes to the International Prelimi | nary Examination Report under PCT Article 36 | | |
| Items 11 | to 16, helow concern docume | nt(s) or information included: | | | |
| | | Statement under 37 CFR 1.97 and 1.98. | | | |
| | | | ance with 37 CFR 3.28 and 3.31 is included. | | |
| | A FIRST preliminary amendm | | | | |
| | An Application Data Sheet u | | | | |
| - | A substitute specification. | moor 57 Or IC 1176. | | | |
| | - | and/or address letter | | | |
| | A change of power of attorney and/or address letter. A computer-readable sequence form of the sequence listing in accordance with PCT Rule 13 <i>ter</i> .2 and 37 CFR 1.821-1.825. | | | | |
| | | d International Application under 35 U.S.C. | | | |
| 19. [] | A second copy of the English | language translation of the international appl | | | |
| 20. [X |] Other items or information: | | | | |
| | [X] Courtesy copy of the Inte | | 2004/064245 A1\ | | |
| | | t page of the International Publication (WO 2 | | | |
| | [X] Formal drawings, 1 shee | ernational Preliminary Examination Report. | THEIE WEIE HO AIMEXES. | | |
| | | | ricsson whose address is 164 83 Stockholm, Sweden. | | |

| International Application No. 17/541790 PCT/IB2003/000235 MUELLER2 The following fees are submitted: CALCULATIONS PTO USE ONLY [xx] a) BASIC NATIONAL FEE (37 CFR 1.492(a))\$300.00 [xx] b) SEARCH FEE (37 CFR 1.492(b)) [] US was International Searching Authority\$100.00 | | | | | |
|---|---------------|--|--|--|--|
| 21. The following fees are submitted: [xx] a) BASIC NATIONAL FEE (37 CFR 1.492(a))\$300.00 [xx] b) SEARCH FEE (37 CFR 1.492(b)) | | | | | |
| [xx] a) BASIC NATIONAL FEE (37 CFR 1.492(a))\$300.00 [xx] b) SEARCH FEE (37 CFR 1.492(b)) | | | | | |
| [xx] b) SEARCH FEE (37 CFR 1.492(b)) | | | | | |
| [xx] b) SEARCH FEE (37 CFR 1.492(b)) | | | | | |
| | | | | | |
| | | | | | |
| [x] Other ISR provided to USPTO\$400.00 | | | | | |
| [] All other situations | | | | | |
| [xx] c) EXAMINATION FEE (37 CFR 1.492 (c)) | | | | | |
| [] IPEA/US gave wholly favorable IPER\$100.00 | | | | | |
| [x] All other situations | | | | | |
| TOTAL OF ABOVE CALCULATIONS : | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 \$ months from the earliest claimed priority date (37 CFR 1.492(h)). | | | | | |
| TOTAL SHEETS EXTRA SHEETS Number of each additional 50 or fraction RATE | | | | | |
| thereof (round up to a whole number) (1.492(g)) 21 - 100 /50 X \$250.00 | | | | | |
| CLAIMS Number Filed Number Extra Rate (1.492 (d-f)) | | | | | |
| Total Claims 20- 20 = X \$ 50.00 \$ | | | | | |
| Independent Claims 2- 3 = X \$200.00 \$ | | | | | |
| Multiple Dependent Claims (if applicable) + \$360.00 \$360.00 TOTAL OF ABOVE CALCULATIONS = \$1,260.00 | | | | | |
| Reduction of ½ for filing by small entity, if applicable. Applicant claims small entity status. See 37 \$ | | | | | |
| CFR 1.27. | | | | | |
| SUBTOTAL = \$1,260.00 Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 | | | | | |
| months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | | |
| TOTAL NATIONAL FEE = \$1,260.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be \$ | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | |
| TOTAL FEES ENCLOSED = \$1,260.00 | | | | | |
| Amount to be: \$ refunded | | | | | |
| charged \$ | | | | | |
| Payment Method (check one only) | | | | | |
| a. [] A check in the amount of \$ to cover the above fees is enclosed. | | | | | |
| | | | | | |
| b. [X] Credit Card Payment Form (PTO-2038), authorizing payment in the amount of \$1,260.00, is attached. | | | | | |
| c. [] Please charge my Deposit Account No. 02-4035 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | |
| Handling of Fee Deficiencies (check one only) | | | | | |
| [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4035. A duplicate copy of this sheet is enclosed. | | | | | |
| [] If a deficiency exists in the basic national fee set by 37 CFR 1.492(a), please charge it to Deposit Account 02-4035 . At this time, no authorization is given to charge any other fees. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or | | | | | |
| (b)) must be filed and granted to restore the application to pending status. | / | | | | |
| Direct all correspondence to the address associated with CUSTOMER NUMBER 001444, which is currently: | <i>,</i> > | | | | |
| BROWDY AND NEIMARK, P.L.L.C. Sheridan Neimark | | | | | |
| 624 NINTH STREET, N.W., SUITE 300 NAME | - | | | | |
| WASHINGTON, D.C. 20001 20,520 | | | | | |
| TEL: (202) 628-5197 REGISTRATION NUMBER FAX: (202) 737-3528 | | | | | |
| 71.77 (400) 707 0700 | | | | | |